aiwa

Compact Disc Stereo System

XR-X7

U C

COMPACT disc DIGITAL AUDIO

For assistance and information
call toll free 1-800-BUY-AIWA
(United States and Puerto Rico)

8B-CL2-903-21
010620CYK-H-M

OPERATING INSTRUCTIONS — En (English)

MANUAL DE INSTRUCCIONES — E (Español)

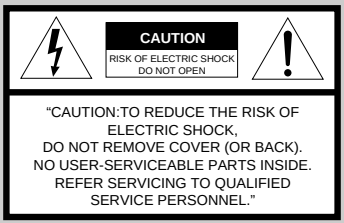
MODE D'EMPLOI — F (Français)

PRECAUTIONS

En

WARNING

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
"CAUTION:TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL."

Explanation of Graphical Symbols:

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Read these Operating Instructions carefully and completely before operating the unit. All precautions in this booklet and on the unit should be strictly followed.
Keep the Operating Instructions for future reference.

Installation

1 Water and moisture — Do not use this unit near water, such as near a bathtub, washbowl, swimming pool, or the like.

2 Heat — Do not use this unit near sources of heat, including heating vents, stoves, or other appliances that generate heat. It also should not be placed in temperatures less than 5°C (41°F) or greater than 35°C (95°F).

3 Mounting surface — Place the unit on a flat, even surface.

4 Ventilation — The unit should be situated with adequate space around it so that proper heat ventilation is assured. Allow 10 cm (4 in.) Clearance from the rear and the top of the unit, and 5 cm (2 in.) from each side.
- Do not place the unit on a bed, rug, or similar surface that may block the ventilation openings.
- Do not install the unit in a bookcase, cabinet, or airtight rack where ventilation may be impeded.

5 Objects and liquid entry — Make sure that objects or liquids do not get inside the unit through the ventilation openings.

6 Carts and stands — When placed or mounted on a stand or cart, the unit should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the unit or cart to overturn or fall.

7 Condensation — Moisture may form on the CD pickup lens when:
- The unit is moved from a cold spot to a warm spot
- The heating system has just been turned on
- The unit is used in a very humid room
- The unit is cooled by an air conditioner

When this unit has condensation inside, it may not function normally. Should this occur, leave the unit for a few hours, then try to operate again.

8 Wall or ceiling mounting — The unit should not be mounted on a wall or ceiling, unless specified in the Operating Instructions.

Electric Power

1 Power sources — Connect this unit only to power sources specified in the Operating Instructions, and as marked on the unit.

2 Polarization — As a safety feature, some units are equipped with polarized AC power plugs which can only be inserted one way into a power outlet. If it is difficult or impossible to insert the AC power plug into an outlet, turn the plug over and try again. If it still does not easily insert into the outlet, please call a qualified service technician to service or replace the outlet. To avoid defeating the safety feature of the polarized plug, do not force it into a power outlet.

3 AC power cord
- When disconnecting the AC power cord, pull it out by the AC power plug. Do not pull the cord itself.
- Never handle the AC power plug with wet hands, as this could result in fire or shock.
- Power cords should be firmly secured to avoid being severely bent, pinched, or walked upon. Pay particular attention to the cord from the unit to the AC outlet.
- Avoid overloading AC outlets and extension cords beyond their capacity, as this could result in fire or shock.

4 Extension cord — To help prevent electric shock, do not use a polarized AC power plug with an extension cord, receptacle, or other outlet unless the polarized plug can be completely inserted to prevent exposure of the blades of the plug.

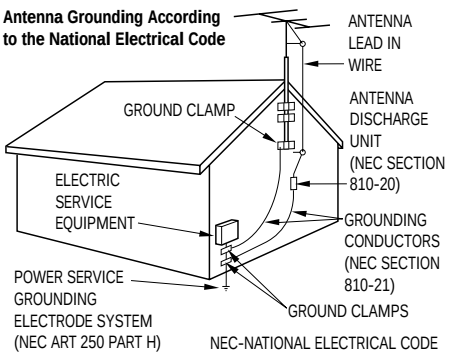
5 When not in use — Unplug the AC power cord from the AC outlet if the unit will not be used for several months or more. When the cord is plugged in, a small amount of current continues to flow to the unit, even when the power is turned off.

Outdoor Antenna

1 **Power lines** — When connecting an outdoor antenna, make sure it is located away from power lines.

2 **Outdoor antenna grounding** — Be sure the antenna system is properly grounded to provide protection against unexpected voltage surges or static electricity build-up. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information on proper grounding of the mast, supporting structure, and the lead-in wire to the antenna discharge unit, as well as the size of the grounding unit, connection to grounding terminals, and requirements for grounding terminals themselves.

Antenna Grounding According to the National Electrical Code


ANTENNA LEAD IN WIRE
ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)
GROUND CLAMP
ELECTRIC SERVICE EQUIPMENT
GROUNDING CONDUCTORS (NEC SECTION 810-21)
POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250 PART H)
GROUND CLAMPS
NEC-NATIONAL ELECTRICAL CODE

Maintenance

Clean the unit only as recommended in the Operating Instructions.

Damage Requiring Service

Have the unit serviced by a qualified service technician if:

- The AC power cord or plug has been damaged
- Foreign objects or liquid have gotten inside the unit
- The unit has been exposed to rain or water
- The unit does not seem to operate normally
- The unit exhibits a marked change in performance
- The unit has been dropped, or the cabinet has been damaged

DO NOT ATTEMPT TO SERVICE THE UNIT YOURSELF.

As an ENERGY STAR® Partner, AIWA has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

OWNER'S RECORD

Record the model number and serial number of your set (found at the rear of your set) below. Refer to them when contacting your Aiwa dealer.

Model No. _____

Serial No. _____

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System and accessories

Main unit CX-LX7
Speakers SX-LX7
Speakers cords

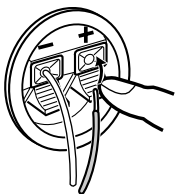
Remote control
Lithium battery (CR2025)
FM antenna
AM antenna

En

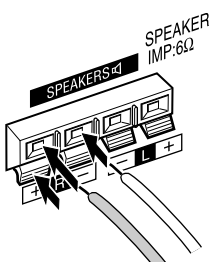
Connection

Plug in the AC power cord to the AC power outlet after all other connections are made.

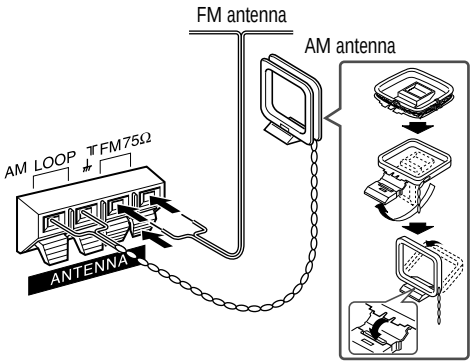
1 Connect the speaker cords to the speakers.
Connect the amber cords to the + terminals and the silver cords to the – terminals.



2 Connect the speakers to the main unit.
Connect the right speaker to the SPEAKERS R terminals and the left to the SPEAKERS L terminals. The amber cords go to the + terminals.



3 Connect the supplied antennas.
Connect the FM antenna to the FM 75 Ω terminals and the AM antenna to the AM LOOP terminals.



4 Connect the AC power cord to an AC power outlet.
When the AC power cord is connected to an AC power outlet for the first time, "DEMO" appears on the display. To deactivate the DEMO, press DEMO/ECO and the clock will flash on the display. For setting the clock, see page 9.

Speakers

- Do not short-circuit the + and – speaker cord leads.
- Do not leave objects generating magnetism or objects affected by magnetism near the speakers.

Antennas

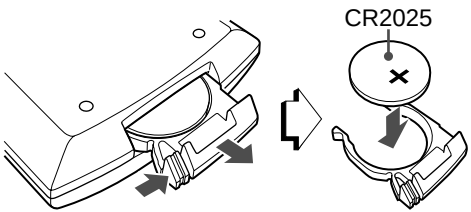
Keep antennas away from metallic objects, electrical equipment and cords.

FM antenna: Extend fully in a T-shape. If reception is poor, connect an optional outdoor antenna to the FM 75 Ω terminals. Be sure to connect the shield braid of the antenna to the ⏚ terminal.

AM antenna: Rotate to find the best reception.

Remote control

While sliding the latch, pull out the battery holder from the bottom of the remote control. Place the supplied battery on the battery holder with correct polarity. Finally, insert the holder back into position.

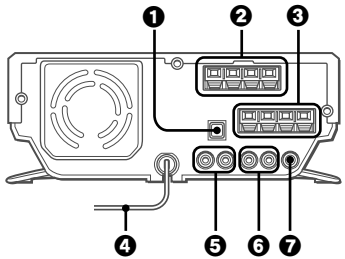


- When you operate the remote control, aim the remote control at the main unit. When the remote control is operated, the display colour changes for a few seconds.
- Replace the battery with a new one when the operational distance between the remote control and main unit becomes shorter.
- Remove the battery if the unit is not going to be used for an extended period of time.
- The remote control may not operate if it is used under intense sunlight or if its line of sight is obstructed.

Caution!

- Do not keep the battery near metallic objects such as rings, bracelets, and keys. It may cause the battery to short circuit.
- After removing the battery, be sure to keep it out of reach of children. In case it is swallowed, consult a doctor immediately.

Main unit: rear



❶ DIGITAL OUT (OPTICAL) jack
CD digital sound signals can be output through this jack. Use an optical cable to connect digital audio equipment. Remove the dust cap from the DIGITAL OUT (OPTICAL) jack. Then connect an optical cable plug to the DIGITAL OUT (OPTICAL) jack.

❷ AM LOOP and FM 75 Ω terminals
Connect the supplied AM and FM antennas.

❸ SPEAKERS terminals
Connect the supplied speakers using the supplied speaker cords.

❹ AC power cord

❺ VIDEO/AUX IN jacks
Accept analog sound signals from external equipment. Connect external equipment using an optional connecting cable with RCA phono plugs (red plug to the R jack, white plug to the L jack). Refer also to the operating instructions for your equipment.
To switch function to external input, press VIDEO/AUX (AUX on the remote control) to select the AUX (VIDEO or TV) function.

Tip:
To change a source name in the display, hold down VIDEO/AUX and press POWER while the power is on.
AUX → VIDEO → TV

❻ LINE OUT jacks
Analog sound signals for all functions can be output through these jacks. Use a cable with RCA phono plugs to connect audio equipment.
Connect the red plug to the R jack, and the white plug to the L jack.
Signals input through the VIDEO/AUX jacks are not output from the LINE OUT jacks.

❼ SUPER WOOFER jack
Connect an optional powered sub woofer with a built-in amplifier to this jack.

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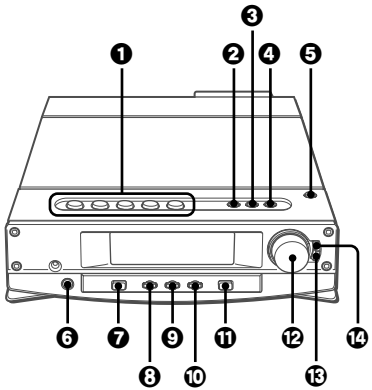
Main unit: front



❶ ❚❚SET
CD: pauses playback.
Radio: stores the received station to preset.

■CLEAR
CD: stops playback.
Radio: clears a preset station.

►PRESET
CD: starts playback.
Radio: tunes in a preset station.

◄◄/I◄◄, ►►I/►► (TUNING DOWN/UP)
CD: skips to a previous or a succeeding track when pressed, searches a track in fast forward or reverse playback when held down.
Radio: manually tunes up or down within the band.

❷ TUNER/BAND
Selects radio function and the radio band.

❸ VIDEO/AUX
Selects the function of external equipment connected to the VIDEO/AUX IN jacks.

❹ CD
Selects CD function.

❺ ⏏OPEN/CLOSE
Opens or closes the disc compartment.

❻ PHONES jack
Plug in optional headphones set with a stereo mini plug (ø3.5 mm, 1/8 in.). Speaker output is canceled.

❼ POWER ⏻STANDBY/ON
Switches the unit on and off (standby).

❽ DEMO/ECO
When the unit is turned off: selects ECO mode, DEMO mode or displays the clock.
When the unit is turned on: selects DEMO mode.

❾ DISPLAY
CD: displays the track number being played and remaining time of play.
Radio: displays the frequency of the tuned station.

❿ COLOR
Selects the display color.

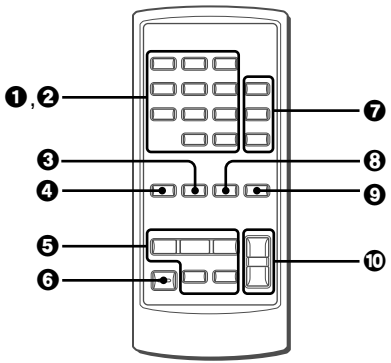
⓫ QSURROUND
Turns QSURROUND on and off.

⓬ VOLUME/MULTI JOG
Adjusts the volume.
Clock and Timer: sets the time.
Sleep: sets the sleep timer duration.

⓭ ENTER
Determines the mode and the time (clock and timer).

⓮ MODE
Selects T-BASS, BASS, TREBLE, sleep and timer.

Remote control



Buttons with the same or similar names on the main unit basically have the same function.

❶ **0–9, +10**
CD: selects a track of the specified number.
Radio: tunes in the station with the specified preset number.

❷ *The numbered buttons take on these functions when pressed with SHIFT held down:*

RANDOM/REPEAT
Selects random or repeat CD playback mode.

PROGRAM
Selects programmed CD playback mode.

DISPLAY

TIMER
Selects timer playback setting mode.

SLEEP
Selects sleep-timer setting mode.

CLOCK
Selects clock setting mode.

MONO TUNER
Switches between stereo or monaural FM reception.

❸ **T-BASS**

❹ **SHIFT**
Hold down when pressing a numbered button to change its function to that printed above the number.

❺ **❚❚SET**

►PRESET

◄◄/I◄◄, ►►I/►► (TUNING DOWN/UP)

■CLEAR

❻ **POWER**

❼ **TUNER/BAND**
Selects radio function and the radio band.

AUX
Selects the function of external equipment connected to the VIDEO/AUX IN jacks.

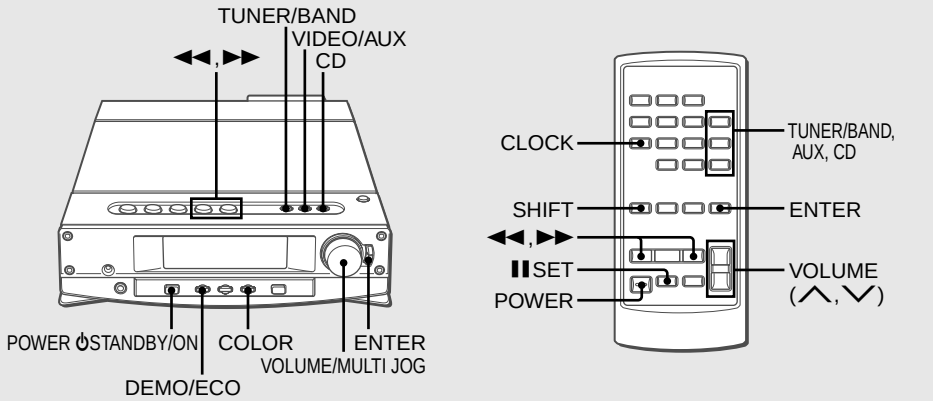
CD
Selects CD function.

❽ **EQ**
Selects BASS and TREBLE.

❾ **ENTER**

❿ **VOLUME (∧, ∨)**

En



Power

Turning the unit on

Press POWER ⏻STANDBY/ON (POWER on the remote control).

Alternatively, press TUNER/BAND, CD or VIDEO/AUX (AUX on the remote control). Playback will start automatically if a disc is inserted.

Turning the unit off

Press POWER ⏻STANDBY/ON again.

The unit goes into standby.

Volume

Turn VOLUME/MULTI JOG (press VOLUME (∧, ∨) on the remote control).

Adjust from 0 (minimum) to 49 and MX (maximum).

Tip:

Volume level setting is retained during power-off standby. If the unit is turned off with the volume set to 21 or higher, it is automatically turned down to 20 the next time the unit is turned on.

To adjust the volume level of the equipment connected to the VIDEO/AUX IN jacks

Press VIDEO/AUX (AUX on the remote control) to select the function of external equipment connected to the VIDEO/AUX IN jacks, then press ◄◄ or ►► repeatedly.

The volume level can be adjusted from "AUX MIN" (minimum), "AUX 1" to "AUX 6", followed by "AUX MAX" (maximum).

DEMO

If the clock has not been set, "DEMO" *appears on the display when the unit is turned off.*

To deactivate the DEMO

While "DEMO" is displayed, press DEMO/ECO. The clock flashes. For setting the clock, see page 9.

ECO mode

Reduces power consumption with the following operations.

After clock is set, this unit allows you to regulate its power consumption by displaying nothing on the display while the power is off. **This is called power economizing mode.**

Press DEMO/ECO while the unit is turned off.

Each press of this button changes the display status as follows:

① Demo display (power economizing mode canceled)

② Power economizing mode

③ Clock display (power economizing mode canceled)

When power economizing mode is activated

When the unit turns off, "ECO MODE" is displayed for 4 seconds, and everything on the display clears.

Only the red indicator on the POWER button lights to show that power is being supplied to the unit.

Standby power consumption

When power economizing mode is activated: 1.0 W

When power economizing mode is deactivated: 13 W

Changing the display color

You can preset up to 3 of your favorite colors you adjusted. The display color can be changed to 12 different colors and 3 adjusted preset colors (select color mode). You can also select 12 different colors and 3 adjusted preset colors for each function (function color mode).
You can select between select color mode and function color mode.

Presetting select color mode

1. Press COLOR to display "SELECT CL" while the power is on.
2. Within 4 seconds, turn VOLUME/MULTI JOG until "COLOR M 1", "COLOR M 2" or "COLOR M 3" is displayed.
3. Press COLOR.
   "A G B " is displayed and "A " flashes.
4. Turn VOLUME/MULTI JOG to select "A ", "G " or "B ".
   - A: adjust amber color.
   - G: adjust green color.
   - B: adjust blue color.
5. Press COLOR.
6. Turn VOLUME/MULTI JOG to adjust the color.
   The level can be adjusted from "00" to "50".
   "50" is the brightest level.
7. Press COLOR.
8. Repeat steps 4 to 7 to set the desired color.
9. Press ENTER.

- If power is interrupted for more than approximately 12 hours, all settings stored in memory after purchase need to be reset.
- If you select "00" in each color, it displays no color on the display.
- The display color may not change when you adjust only one of the colors.

Select color mode

1. Press COLOR to display "SELECT CL" while the power is on.
2. Within 4 seconds, turn VOLUME/MULTI JOG to select the color.
3. Press ENTER.

Function color mode

1. Hold down COLOR until "F-CL" is displayed.
2. Within 4 seconds, turn VOLUME/MULTI JOG so that "CL EDIT" is displayed.
3. Press ENTER.
   The source name and color number flashes on the display.
   If there is no operation for 4 seconds, setting is canceled.
4. Turn VOLUME/MULTI JOG to select a source, then press ENTER.
5. Turn VOLUME/MULTI JOG to select the color, then press ENTER.
6. Repeat steps 4 and 5 to determine the colors for other sources.
7. Press ENTER.

Changing the color mode

1. Hold down COLOR until "F-CL" is displayed.
2. Within 4 seconds, turn VOLUME/MULTI JOG to select "F-CL ON" or "F-CL OFF".
   - F-CL ON: function color mode
   - F-CL OFF: select color mode
3. Press ENTER.
   If there is no operation for 4 seconds, setting is canceled.

Setting the clock

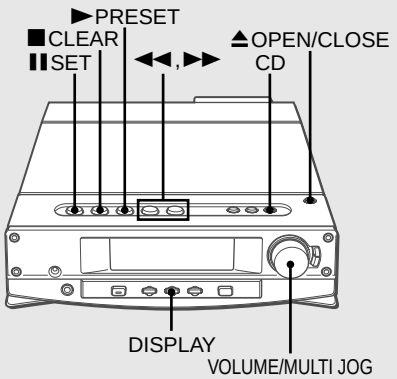
1. Hold down SHIFT and press CLOCK on the remote control.
   When the unit is turned off, you can also press ❚❚ or ENTER.
2. Press ◄◄ or ►► to set the time.
   Each press changes the time in 1-minute steps.
   Holding these buttons down will vary the time in 10-minute units.
   If ◄◄ or ►► is not pressed within 4 seconds, setting is canceled.
   - You can also turn VOLUME/MULTI JOG to the right to advance the time and to the left to move the time back. The speed with which the time changes varies according to how fast you turn VOLUME/MULTI JOG.
3. Press ❚❚ or ENTER.
   The time display stops flashing and the clock starts from 00 seconds.

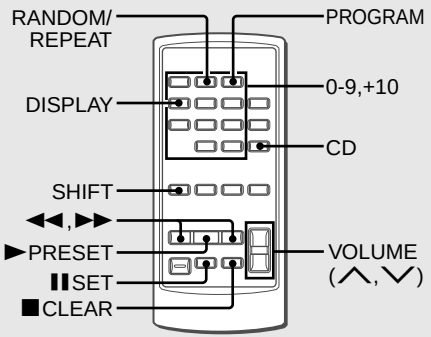
To display the time while the power is on
Hold down SHIFT and press CLOCK on the remote control.
The time will be displayed for 4 seconds.

To switch to the 24-hour standard
Display the time and press ■ within 4 seconds.
With each press, the clock alternates between 12- and 24-hour standard time.

Tip:
In the 12-hour standard, "AM12:00" indicates midnight and "PM12:00" noon.

If the clock display flashes when the unit is turned off
There has been a power interruption. Reset the clock.



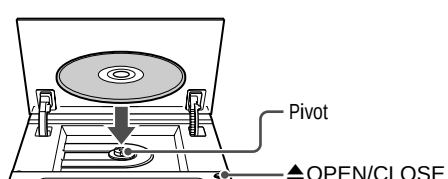


This unit plays back finalized CD-R/RW discs as well as audio CDs.

Playing a CD

1 Press CD to select the CD function.

2 Press ≜ **OPEN/CLOSE** to open the disc compartment.
Place a disc with the label side up. Then close the disc compartment.



3 Press ► to start play.

To stop play
Press ■.

To pause play
Press ❚❚. Press again to resume play.

To skip to the beginning of the current/preceding/ succeeding track
Press ◄◄ or ►► repeatedly.

To search (playing in fast forward or reverse)
Hold down ◄◄ or ►►. Release at the desired point.

To remove the disc
Press ≜ **OPEN/CLOSE** in stop mode to open the disc compartment. Then pull out the disc while pressing the center pivot.

To select a track with the remote control (Direct play)
Press the numbered buttons to select a track.
- To select track 25, press +10, +10 and 5.
- To select track 10, press +10 and 0.

To change the display in playback mode
Press DISPLAY (hold down SHIFT and press DISPLAY on the remote control) during play.

The display changes in the following order:
1 Track number being played and elapsed playing time
2 Remaining time of play
- Remaining time of play cannot be displayed during random play or programmed play.

Random / Repeat play

In random play mode the unit plays all the tracks in random order. In repeat play mode it plays repeatedly all the tracks or the track being played. You can select random and repeat all play at the same time.

1 Hold down SHIFT and press RANDOM/REPEAT repeatedly to select one of the following modes:
"↻ 1": Repeat 1 play
"↻": Repeat all play
"RANDOM": Random play
"RANDOM ↻": Random/Repeat all play

2 Press ► to start play.

To cancel random/repeat play

Hold down SHIFT and press RANDOM/REPEAT repeatedly until "RANDOM", "↻ 1" or "↻" disappears.
Direct selection of the tracks with the numbered buttons cancels random play mode.

To repeat a selected set of tracks

First select the tracks with programmed play (see "Programmed play" on this page).
Then select repeat playback.

Programmed play

Plays back up to 30 selected tracks in programmed order.

1 Hold down SHIFT and press PROGRAM on the remote control in stop mode.
"PRGM" flashes on the display.

2 Press the numbered buttons on the remote control to program a track.
-To select the 25th track, press +10, +10 and 5.
-To select the 10th track, press +10 and 0.
The selected track number lights up on the display.

3 Repeat step 2 to program other tracks.
The total number of selected tracks and total playing time will be displayed.

4 Press ► to start play.
The track number for the current track flashes on the display.

- During programmed play, you cannot select a track with the numbered buttons. "Can't USE" is displayed when you try to select a track .
- If the total playing time of the program exceeds 99 minutes and 59 seconds, or if a track with a track number exceeding 30 is programmed, the playing time is displayed as "- - - -:- - - -".
- You cannot program more than 30 tracks. "FULL" is displayed.

To check the program

Press ◄◄ or ►► repeatedly in stop mode. The track number and program number are displayed in succession.

To clear the program

Press ■ in stop mode. "PRGM" disappears from the display.

To add tracks to the program

Repeat step 2 before starting play. The tracks are added to the end of the program.

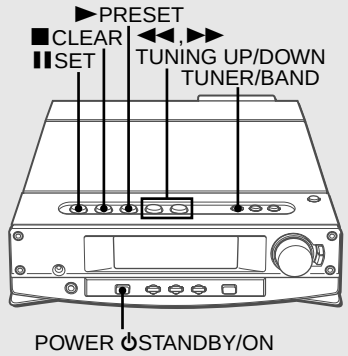
To change the programmed tracks

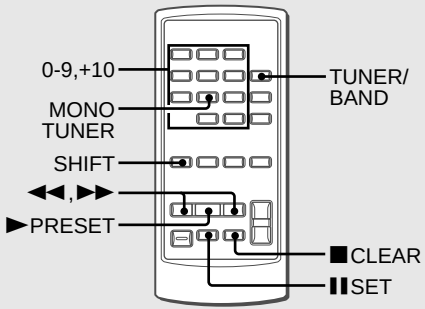
Clear the program and repeat all the steps again.

Notes on CDs

- Do not place more than one disc.
- Do not tilt the unit with a disc loaded.
- The unit may not play CD-R/RW discs recorded on personal computers or certain kinds of CD-R/RW recorders.
- Do not attach adhesive label to either side of CD-R/RW discs, as doing so may cause malfunction.
- Do not load an unrecorded CD-R/RW disc. The disc may be damaged.
- Do not touch the CD pickup lens. If it is soiled, CDs may not be played normally.

En





Manual tuning

1 Press TUNER/BAND repeatedly to select a band.
The unit switches to the radio from any other function and alternates between FM and AM.

2 Press ◄◄ or ►► repeatedly to tune in a station.
"TUNE" is displayed when a station is tuned in.
"(((⊙)))" lights up for FM stereo reception.
When a station is tuned in, the display colour changes for a few seconds.

To search for a station automatically (Auto search)
Hold down ◄◄ or ►►.
The unit searches for a station and stops at reception.
To stop the search manually, press ◄◄ or ►►.

• Auto search may not stop at stations with weak signals.

Preset tuning

Preset up to 32 of your favorite stations and tune them in directly.

Presetting stations

1 Tune in the desired station.

2 Press ❚❚ to store the station.
The preset number, beginning from "1", appears on the display.

3 Repeat steps 1 and 2 to preset other stations.

• You cannot store more than 32 preset stations. "FULL" is displayed.
• If power is interrupted for more than approximately 12 hours, all settings stored in memory after purchase need to be reset.

Tuning in preset stations

1 Select the band.

2 Press ► repeatedly.
With each press, the station with the succeeding preset number is tuned in.
You can tune in the desired preset station directly by pressing the numbered buttons on the remote control.
- To select preset number 10, press +10 and 0.
- To select preset number 15, press +10 and 5.

To clear a preset station
1 Tune in the station by preset tuning.
2 Press ■, then press ❚❚ within 4 seconds.
Preset station numbers in the band which are higher than the cleared number decrease by one.

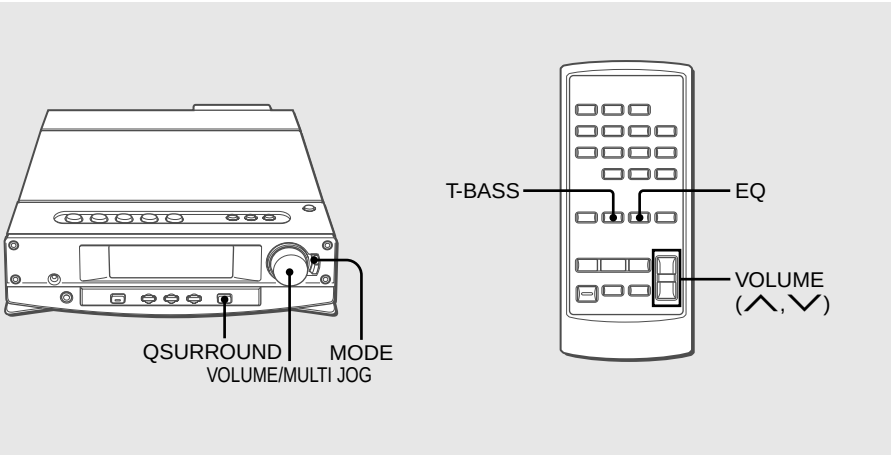
Adjustments

To switch to monaural FM reception
Hold down SHIFT and press MONO TUNER on the remote control so that "MONO" is displayed. **To cancel,** press again to display "STEREO."

Tip:
When FM stereo reception is poor, switching to monaural reduces noise.

To switch the AM tuning interval
The default setting of the AM tuning interval is 10 kHz/step. If you use this unit in an area where the frequency allocation system is 9 kHz/step, change the tuning interval.
Hold down TUNER/BAND and press POWER on the main unit.

Tip:
When the AM tuning interval is changed, all preset stations are cleared.



BASS

Adjusts the bass level.

1 Press MODE (EQ on the remote control) repeately so that "BASS" is displayed.

2 Within 7 seconds, turn VOLUME/MULTI JOG (press VOLUME(∧, ∨) on the remote control) to adjust the bass level.
The bass level can be adjusted from "–5" to "+5".

• If the sound becomes distorted with the BASS effect, cancel the effect.

TREBLE

Adjusts the treble level.

1 Press MODE (EQ on the remote control) repeately so that "TREBLE" is displayed.

2 Within 7 seconds, turn VOLUME/MULTI JOG (press VOLUME (∧, ∨) on the remote control) to adjust the treble level.
The treble level can be adjusted from "–5" to "+5".

• If the sound becomes distorted with the TREBLE effect, cancel the effect.

T-BASS

Emphasizes low frequencies for a powerful sound.

On the main unit

1 Press MODE repeatedly so that "T-BASS" is displayed.

2 Within 7 seconds, turn VOLUME/MULTI JOG to select one of the three emphases levels or the off position.

On the remote control

Press T-BASS repeatedly to select one of the three emphasis levels or the off position.

• If the sound becomes distorted with the T-BASS effect, cancel the effect.

Q SURROUND system

The Q SURROUND system built into this unit uses only two speakers at the left and right to create an atmosphere that sounds as if you are surrounded by two front speakers and two rear speakers.

Press QSURROUND repeatedly until "ON QSURROUND" flows from right to left.

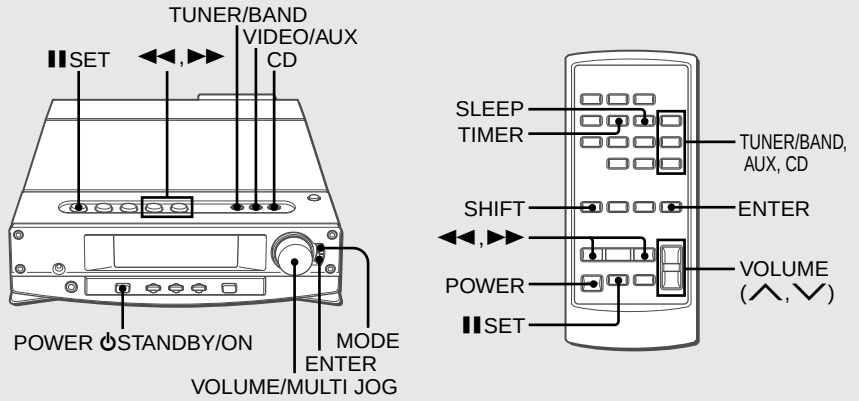
To cancel the Q SURROUND effect

Repeat the above so that "OFF QSURROUND" flows from right to left and the "QSURROUND" indicator goes off.

Tip:

• The Q SURROUND system does not work in monaural mode.
• When the Q SURROUND system is activated, the sound may be distorted. If this happens, decrease the volume.

En



Sleep timer

Turns off the unit automatically after a specified time.

1 Press MODE repeatedly (hold down SHIFT and press SLEEP on the remote control).
"SLEEP" is displayed.

2 Press ◄◄ or ►► repeatedly to set the sleep timer duration.
With each press, the timer duration changes in 5-minute steps between 5 to 240 minutes. If there is no button input for 7 seconds, the current setting is entered automatically. The unit turns off after the selected time.
• VOLUME/MULTI JOG is also available in place of ◄◄ or ►►.

To check the remaining time until the unit turns off
Press MODE repeatedly (hold down SHIFT and press SLEEP on the remote control). The remaining time is displayed for 7 seconds.

To cancel the sleep timer
<u>On the main unit</u>
Press MODE repeatedly to display "SLEEP" and turn VOLUME/MULTI JOG so that "SLEEP oFF" is displayed.

<u>On the remote control</u>
Hold down SHIFT and press SLEEP repeatedly until "SLEEP oFF" is displayed.

Timer playback

Turns on the unit at a specified time for the specified duration. Make sure the clock is set correctly.

1 Select the desired playback source.

2 <u>On the main unit</u>
1 Press MODE repeatedly so that "◷" is displayed.
2 Within 7 seconds, turn VOLUME/MULTI JOG so that "◷ PLAY" is displayed.

<u>On the remote control</u>
Hold down SHIFT and press TIMER.
"◴" indicator lights up and "◷ PLAY" appears on the display. The timer-on time and the source name along with the timer-activated duration appear alternately on the display.

3 Within 7 seconds, press ENTER (❚❚ on the remote control).
"◴" lights up. The timer-on time and the source name along with the timer-activated duration appear alternately on the display.

4 Press ◄◄ or ►► to set the timer-on time, then press ENTER or ❚❚.

5 Press ◄◄ or ►► to set the timer-activated duration, then press ENTER or ❚❚.
With each press, the timer-activated duration changes in 5-minute steps between 5 to 240 minutes.
If there is no button input for 4 seconds, the current setting is entered automatically.
• VOLUME/MULTI JOG is also available in place of ◄◄ or ►►.

6 Adjust the volume and tone for timer playback.
If the volume level is set to 21 or higher, it is automatically turned down to 20 when the unit is turned on by the timer.

7 Prepare the source.
To play CD, insert a disc.
To play the radio, select the band and tune in the desired station.
To play external equipment connected to the VIDEO/AUX IN jacks, set an external timer for the equipment so that playback begins at the same time.

8 Press POWER ⏻STANDBY/ON to turn the unit off.
"🕘" remains on the display to indicate the timer standby mode (when ECO mode is deactivated).
At timer-on time, the unit turns on and plays the selected source. After the specified timer-activated duration, the unit turns off again.

- Timer playback will not begin unless the unit is turned off first.
- Connected equipment cannot be turned on or off by the built-in timer of this unit. Use an external timer.

To check the timer setting
Hold down SHIFT and press TIMER.
The timer-on time, the source and the timer-activated duration are displayed for 7 seconds.

To change the timer setting
Reset the timer again.

To turn off the timer
On the main unit
Press MODE to display "🕒 PLAY" and turn VOLUME/MULTI JOG so that "🕒 OFF" is displayed. Then press ENTER. "🕘" disappears from the display.

On the remote control
Hold down SHIFT and press TIMER repeatedly until "🕒 OFF" is displayed. "🕘" disappears from the display.

Tip:
Your timer setting is retained even if the timer is turned off. Next time the timer is turned on, you can change your previous setting, or simply use the same setting again.

En

Care and maintenance

Occasional care and maintenance of the unit and the software are needed to optimize the performance of your unit.

To clean the cabinet

Use a soft and dry cloth. If the unit surfaces are extremely dirty, use a soft cloth lightly moistened with mild detergent solution. Do not use strong solvents such as alcohol, benzene or thinner.

Care of CDs

When a CD becomes dirty, wipe it from the center out with a cleaning cloth. After playing a CD, store it in its case. Do not keep it in hot or humid places.

Troubleshooting

If your unit fails to perform properly, check the following guide and the relevant sections of this manual.

There is no sound

- Are the speakers and AC power cord connected properly?

The unit shut off suddenly

- Possibly a short circuit in the speaker terminals. Disconnect the AC power cord from the AC outlet and reconnect the speaker cords correctly.

All the display lights turn off when the power is off

- Is ECO mode set to on?

Erroneous display

- Reset the unit. (See "Resetting the unit" on this page.)

Poor radio reception

- Check antenna connection. Adjust the antenna to find the best reception.
- Move the unit and antenna away from other electric appliances and cords.

The CD player works poorly

- Is the disc correctly inserted?
- Is the disc dirty?
- Is the lens affected by condensation? If so, wait approximately one hour and try again.

Resetting the unit

If an unusual condition occurs in the display window, reset the unit as follows:

1 Press POWER to turn off the power.
If the power cannot be turned off, disconnect the AC power cord, then plug it in again.

2 Hold down ■ and press POWER on the main unit.
Everything stored in memory after purchase is cleared.

Specifications

MAIN UNIT CX-LX7

TUNER

FM tuning range	87.5 MHz to 108 MHz
FM usable sensitivity (IHF)	13.2 dBf
FM antenna terminals	75 ohms (unbalanced)
AM tuning range	530 kHz to 1710 kHz (10 kHz step) 531 kHz to 1602 kHz (9 kHz step)
AM usable sensitivity	350 µV/m
AM antenna	Loop antenna

AMPLIFIER

Power output	16 W + 16 W (150 Hz - 16 kHz, THD less than 1%, 6 ohms) 20 W + 20 W (1 kHz, THD less than 10%, 6 ohms)
Total harmonic distortion	0.1% (6 W, 1 kHz, 6 ohms, DIN AUDIO)
Input	VIDEO/AUX IN: 400 mV
Outputs	SPEAKERS: 6 ohms or more PHONES: 16 ohms or more SUPER WOOFER: 1.0 V DIGITAL OUT (OPTICAL) jack LINE OUT jack

CD PLAYER

Laser	Semiconductor laser (λ = 780 nm)
D/A converter	1 bit dual
Signal-to-noise ratio	85 dB (1 kHz, 0 dB)
Harmonic distortion	0.08% (1 kHz, 0 dB)
Wow and flutter	Unmeasurable

GENERAL

Power requirements	120 V AC, 60 Hz
Power consumption	U model: 45 W C model: 50 W
Power consumption in standby mode	With ECO mode on: 1.0 W With ECO mode off: 13 W
Dimensions (W × H × D)	249 × 92 × 350 mm (9 7/8 × 3 3/4 × 13 7/8 in.)
Weight	3.5 kg (7 lbs 13 oz)

SPEAKER SYSTEM SX-LX7

Speaker system	2 way, bass reflex (magnetic shielded)
Speaker units	Woofer: 80 mm (3 1/4 in.) cone Tweeter: 25 mm (1 in.) dome
Impedance	6 ohms
Dimensions (W × H × D)	98 × 260 × 191 mm (3 7/8 × 10 3/8 × 7 5/8 in.)
Weight	1.6 kg (3 lbs 10 oz)

Specifications and external appearance are subject to change without notice.

NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

Modifications or adjustments to this product, which are not expressly approved by the manufacturer, may void the user's right or authority to operate this product.

REMARQUE

Cet appareil a été testé et jugé conforme aux limites des appareils numériques de Classe B, conformément à la Partie 15 des Règles FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences néfastes dans une installation résidentielle.

Cet appareil produit, utilise et peut rayonner une énergie de fréquence radio et, s'il n'est pas installé et utilisé conformément aux instructions, peut provoquer des interférences gênantes pour les communications radio. Mais rien ne garantit qu'une telle interférence ne se produira pas dans une installation particulière. Si cet appareil produit des interférences gênantes pour la réception radio ou de télévision, ce qui peut se déterminer en allumant et éteignant l'appareil, il est recommandé à l'utilisateur d'essayer de corriger cette interférence en appliquant une ou plusieurs des mesures suivantes:

- Réorientation ou déplacement de l'antenne réceptrice.
- Éloignement de l'appareil du récepteur.
- Raccordement de l'appareil à une prise d'un circuit différent de celui du récepteur.
- Consultez le revendeur ou un technicien radio/télévision expérimenté.

PRÉCAUTION

Les modifications ou ajustements de ce produit, non expressément approuvés par le fabricant, peuvent invalider le droit ou l'autorité de l'utilisateur à utiliser ce produit.

CAUTION

TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

This Class B digital apparatus complies with Canadian ICES-003.

Only for C models.

ATTENTION

POUR PREVENIR LES CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Pour les modèles C uniquement.

For assistance and information

call toll free 1-800-BUY-AIWA

(United States and Puerto Rico)

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Printed in Malaysia